

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: SCHREPFER

In re Application of:)
ARMIN SCHREPFER)
Appl. No.: 10/599,674)
Int. Appl. No.: PCT/EP2005/051502) Confirmation No.: 2702
Filed: October 5, 2006)
For: COMPENSATION METHOD AND APPARATUS FOR PREVENTING DAMAGING BEARING CURRENTS IN AN ELECTRICAL MACHINE)

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

CERTIFICATION OF EFS-WEB TRANSMISSION	
I hereby certify that this paper is being EFS-Web transmitted to the U.S. Patent and Trademark Office, Alexandria VA 22313-1450, on <u>July 10, 2007</u> .	
Date	
_____ Henry M. Feiereisen (Name of Registered Representative)	
	<u>7-10-2007</u> (Date of Signature)

In accordance with 37 C.F.R. 1.56, applicant wishes to call the attention of the Examiner to the references listed on enclosed form PTO-1449 which were cited in the specification, in the International Search Report issued by the European Patent Office with regard to the corresponding International patent application No. PCT/EP2005/051502 and in a German Office Action issued by the German Patent Office with regard to the corresponding German patent application No. 10 2004 016 738.9, respectively. Applicant does not admit that any of the cited documents constitutes prior art against the pending application.

Copies of these references are submitted herewith along with form PTO-1449. **Please note that the publication date of all references is listed as "DD-MM-YYYY".** The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

This Information Disclosure Statement is filed before the mailing of a first Office Action on the merits, so that no fee under 37 C.F.R. §1.97 is due.

In order to satisfy the requirement under 37 C.F.R. §1.98(a)(3) for a concise explanation of the relevance of each item of information, applicant herewith submits a copy of the International Search Report. In addition, applicant notes with respect to any information that is not in English language as follows:

European Patent Appl. No. EP 1 445 850 which has been listed in the International Search Report is not available as prior art in the U.S., since its publication date is not more than one year prior to the international filing date of above referenced international patent application. This reference corresponds to U.S. Publ. No. 2004/0189115.

With respect to European Patent No. EP 0 271 678, an English-language Abstract is enclosed. This reference corresponds to U.S. Pat. No. 4,831,295.

Please note that pages 21-31 of the article by S. Chen, T.A. Lipo, D. Fitzgerald, "Modeling of Bearing Currents in Inverter Drives", which is cited in the specification, filed on October 5, 2006 have not been made available as of yet. This publication describes the formation of damaging bearing currents as lubricating film in the roller bearing can provide isolation only for a specific voltage, and then breaks down.

The above-identified application discloses and claims an invention patentable over this prior art.

Entry of the references above set forth into the file of the above application is believed to be in order and is respectfully requested.

The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.

Respectfully submitted

By:


Henry M. Feiereisen
Agent for Applicant
Reg. No. 31,084

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Substitute for form 1449A/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/599,674
		Filing Date	10/05/2006
		First Named Inventor	Armin Schrepfer
		Art Unit	
		Examiner Name	
Sheet	1	of	2
		Attorney Docket Number	SCHREPFER

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	/Bentsu Ro/	Date Considered	04/22/2008
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinda Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BR/

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/599,674
		Filing Date	10/05/2006
		First Named Inventor	Armin Schrepfer
		Group Art Unit	
		Examiner Name	
(use as many sheets as necessary)		Attorney Docket Number SCHREPFER	
Sheet	2	of	2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Signature	/Bentsu Ro/	Date Considered	04/22/2008
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /BR/

INTERNATIONAL SEARCH REPORT

International Application No PCT/EP2005/051502

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H02K11/00
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CORRECTED VERSION

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H02K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05, 30 April 1998 (1998-04-30) -& JP 10 014159 A (MATSUSHITA SEIKO CO LTD), 16 January 1998 (1998-01-16) abstract ----- -/-	1,10,16

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search 5 July 2005	Date of mailing of the International search report
Name and mailing address of the ISA European Patent Office, P.B. 5816 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Roy, C

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/051502

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>CHENGGANG MEI ET AL: "Minimization and cancellation of common-mode currents, shaft voltages and bearing currents for induction motor drives" PESC'03, 2003 IEEE 34TH. ANNUAL POWER ELECTRONICS SPECIALISTS CONFERENCE. CONFERENCE PROCEEDINGS. ACAPULCO, MEXICO, JUNE 15 - 19, 2003. ANNUAL POWER ELECTRONICS SPECIALISTS CONFERENCE, NEW YORK, NY : IEEE, US, vol. VOL. 4 OF 4. CONF. 34, 15 June 2003 (2003-06-15), pages 1127-1132, XP010647631 ISBN: 0-7803-7754-0 figures 4-6</p> <p>-----</p> <p>PATENT ABSTRACTS OF JAPAN vol. 009, no. 244 (E-346), 30 September 1985 (1985-09-30) -& JP 60 096150 A (NISHISHIBA DENKI KK), 29 May 1985 (1985-05-29) abstract</p> <p>-----</p> <p>EP 1 445 850 A (AB SKF) 11 August 2004 (2004-08-11)</p> <p>figure 1</p> <p>-----</p>	1,10,16
A		1
P,X		1-3, 6-11, 13-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/051502

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
JP 10014159	A 16-01-1998	NONE			
JP 60096150	A 29-05-1985	NONE			
EP 1445850	A 11-08-2004	DE 20301956 U1		17-06-2004	
		BR 0400479 A		24-05-2005	
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		CN 1531158 A		22-09-2004	
		EP 1445850 A1		11-08-2004	
		HU 0400111 A2		28-01-2005	
		JP 2004242496 A		26-08-2004	
		PL 364840 A1		09-08-2004	
		US 2004189115 A1		30-09-2004	